Today's Topics:
                            9600+ packet
                    ? WEFAX on Soundblaster card ?
                 EMail between the Internet & Packet
                         PktWin Version 2.0

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 8 Feb 1994 09:01:44 GMT
From: netcomsv!netcom.com!wb6w@decwrl.dec.com
Subject: 9600+ packet
To: ham-digital@ucsd.edu

<>Johnny Lin (jlin@kaiwan.com) wrote:
: Can someone advise me what is the right combination of rigs to set up a
: packet radio station with 9600B+ speed ?

: Radio   -- 70 miles range , which model ?
: Packet modem ?
: TNC ?

: I heard that not every radio can use with 9600+ packet transmission.

: --
: +--+
: |Johnny C. Lin   P.O.Box 536   Tel:310-9263682 |

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:  |                              Artesia, CA 90702      Fax:310-9269526              |
:  |                              U.S.A.                                              |
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John -

You will need a 9600 baud modem that works with the TNC in question. I
am using an MFJ 1270B + 9600, I have friends who are using the MFJ 1278+9600,
and the Kantronics DataEngine+appropriate K modem. There are others on
the market also.

Most radios will work. The controlling factor is that the radio must
use real FM (not phase mod with pre-emphasis). You will have to modify
the radio to introduce the modulation right onto the modulator (usually
a varactor diode) and pick the received signal directly from the detector
(bypassing de-emphasis, squelch, audio amps etc.) There are quite a
few radios that will work. The Icom 290 and 271 are among them.

One detail I have not seen mentioned anywhere is that the radios (tx+rx)
must be within 500Hz or so or 9600 won't work. Using a multimode radio
is nice because you can usually tune in 1KHz steps. If you're stuck with
5KHz steps and your radio is 1.5KHz (or more) off frequency, it will work
fine for normal FM/rpt amnd even 1200 baud packet but will bw a dismal
failure on 9600 - worse, if you don't know it's off freq, you'll wonder
what's wrong!

70 miles? Sure - depends more on the antennas in use and the terrain
than anything else. Note that 9600 is somewhat more susecptable to
multipath distortion than voice or 1200 baud FM/FSK.

Good luck! - Glenn wb6w@netcom.com or wb6w@n6iiu.nocal.us

Date: Fri, 11 Feb 1994 15:56:39 GMT
From: uchinews!kimbark!khopper@rsch.wisc.edu
Subject: ? WEFAX on Soundblaster card ?
To: ham-digital@ucsd.edu

I just read the latest issue of 73 mag. It features WEFAX
as a fun-to-copy mode. Looks great, but the prices of the
receiving modems are outrageous ($600!). I flipped on my
Radio Shack Scanner and at 3:47a.m. it started beeping
away (XYL not too pleased :-) as one of the "birds" passed
over Chicago.

It looks like the Soundblaster (or clone of SB) would
be a NATURAL receiving board for the WEFAX sigs. What do
you think ? has it been done yet ? John Langner, WB2OSZ,

author of the Pasokon SSTV board was contemplating WEFAX
as an add-on, but with the advent of affordable DSP cards
maybe this the SB is a better idea ?

dah-dit-dah,

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                                   _____
   Ken Hopper, November 9 Vivid Video |      ___     |
   HF biggot - PacTOR,RTTY,SSTV,CW    |o o \_/ o o|
                                      |o o  @  o o|
   khopper@midway.uchicago.edu        |_____|
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Date: Thu, 10 Feb 1994 19:24:49 GMT
From: lll-winken.llnl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hpcss01!
markb@seismo.css.gov
Subject: EMail between the Internet & Packet
To: ham-digital@ucsd.edu

Yes, I am using N0ARY-1 here in california, send him an internet
Email message and get set up on his machine(s), SUN SPARK II,
quite a setup.

try sending to root@bbs.arasmith.com

his gateway this week has been having some trouble. If you can't get
on let me know.

mark@hpocmme.sj.hp.com

73, AB6QZ

Date: 10 Feb 1994 18:19:51 GMT
From: lll-winken.llnl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
noc.near.net!jericho.mc.com!fugu!levine@seismo.css.gov
Subject: PktWin Version 2.0
To: ham-digital@ucsd.edu

In article 0007DE06@plains.nodak.edu, gregg@plains.nodak.edu (Joe Gregg) writes:
-->Try spelling anonymous correctly!
-->Try a mirror site.
-->I got it ok. I don't remember where, tho, I think ftp.funet.fi.
-->>I tried an annonnymous FTP at 6:00pm on 2/8 amd annonmouse FTP access
-->>was denied. Wne is it allowed?

Fortunately my ftptool fills in anonymous correctly by itself.
That wasnt the problem.
The server wouldnt allow anonymous access.


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-->>---
-->>-----------------------------------------------------------------
-->>          || // ||\\    //||    //\\      //\\
-->>          || // || \\  // ||   //        //
-->>          ||//   || \\    || //         //
-->>          ||\\   || ||    || \\   ===  \\   ===
-->>          || \\  || //    || \\ //    \\ //
-->>          || \\ || //     ||   \\//      \\//
-->>---------------------------------------------------------FTAC
-->>Bob Levine  KD1GG 7J1AIS VK2GYN              formerly KA1JFP
-->>levine@mc.com   <--Internet email    Phone(508) 256-1300 x247
-->>kd1gg@wa1phy.ma <--Packet Mail         FAX(508) 256-3599
-->>--------------------------------------------------------------
-->
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End of Ham-Digital Digest V94 #35
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